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Total Number of Pages in This Submission

Application Number	09/883,520
Filing Date	June 18, 2001
First Named Inventor	John C. Parsons
Art Unit	1771
Examiner Name	Arden B. Sperty
Attorney Docket Number	1931.VIN (EM-05-2)

ENCLOSURES (Check all that apply)

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form
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Remarks

Payment of the fee set forth in 37 CFR 1.17(P), i.e. \$180 and required by 37 CFR 1.97(c) is to be charged to Deposit Account No. 50-0935.

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Firm Name	Ferrells, PLLC		
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Printed name	Michael W. Ferrell; CUSTOMER NO. 40256		
Date	May 5, 2006	Reg. No.	31,158

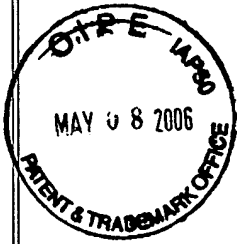
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
John C. Parsons et al. : Examiner: Arden B. Sperty
U.S. Serial No. 09/883,520 : Group Art Unit: 1771
Filed June 18, 2001 :
Docket No. 1931.VIN (EM-05-2) :
For: WATER DISPERSIBLE, SALT :
SENSITIVE NON-WOVEN :
MATERIALS :

Mail Stop Amendment
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.56, 1.97 AND 1.98

Sir:

Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 C.F.R. 1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. 1.56(a). While information referred to in this Information Disclosure Statement may be material pursuant to 37 C.F.R. 1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 C.F.R. 1.97(h), constitute an admission that any patent, publication or other information referred to is, or is considered to be, material to the patentability of this invention. Pursuant to 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information exists.

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- ☒ (3) This Information Disclosure Statement is accompanied by a transmittal letter in which payment of the fee set forth in §1.17(p) and required by 37 C.F.R. 1.97 (c) is authorized.

Related Cases

1. United States Patent Application No. 10/761,682, filed January 21, 2004, entitled "Salt Sensitive Aqueous Emulsions", of *Eknoian*;
2. United States Patent Application No. 11/120,372, filed May 3, 2005, entitled "Salt-Sensitive Vinyl Acetate Binder Compositions and Fibrous Articles Incorporating Same", of *Farwaha et al.*;
3. United States Patent Application No. 11/120,381, filed May 3, 2005, entitled "Salt-Sensitive Binder Compositions with N-Alkyl Acrylamide and Fibrous Articles Incorporating Same", of *Farwaha et al.*; and
4. United States Patent Application No. 11/339,216, filed January 25, 2006, entitled "Salt-Sensitive Binders for Nonwoven Webs and Method of Making Same" of *Farwaha et al.*

U.S. Patents

1. United States Patent No. 2,726,230, issued December 6, 1965, entitled "Preparation of Plastic condensable Alkyl Acrylate Polymers and Subsequent Elasto-Condensation Thereof", of *Carlson*;
2. United States Patent No. 3,035,004, issued May 15, 1962, entitled "Aqueous Polymer Dispersions Containing (C1-C8)-Alkyl Acrylate/Methacrylic Acid Copolymer Salt Thickeners", of *Glavis*;
3. United States Patent No. 3,248,356, issued April 26, 1966, entitled "Multisperse Acrylic Latexes", of *Snyder*;
4. United States Patent No. 3,649,581, issued March 14, 1972, entitled "Stable Polymeric Latices of High Carboxyl Content", of *Mast et al.*;
5. United States Patent No. 3,677,991, issued July 18, 1972, entitled "Anionic Acrylate Latexes that Possess Sensitivity to Alkalinity", of *Moore*;
6. United States Patent No. 3,939,836, issued February 24, 1976, entitled "Water Dispersible Nonwoven Fabric", of *Tunc*;
7. United States Patent No. 4,005,251, issued January 25, 1977, entitled "Process for Preparation of Alkali Cellulose Ester Sulfates", of *Tunc*;
8. United States Patent No. 4,110,291, issued August 29, 1978, entitled "Copolymer Emulsions for Thickening Acrylic Polymer Latices", of *Barabas et al.*;

9. United States Patent No. 4,151,143, issued April 24, 1979, entitled "Surfactant-Free Polymer Emulsion Coating Composition and Method for Preparing Same", of *Blank et al.*;
10. United States Patent No. 4,242,408, issued December 30, 1980, entitled "Easily Disposable Non-Woven Products Having High Wet Strength at Acid pH and Low Wet Strength at Base pH", of *Evani et al.*;
11. United States Patent No. 4,309,469, issued January 5, 1982, entitled "Flushable Binder System for Pre-Moistened Wipers Wherein an Adhesive for the Fibers of the Wipers Interacts With Ions Contained in the Lotion With Which the Wipers are Impregnated", of *Varona*;
12. United States Patent No. 4,384,096, issued May 17, 1983, entitled "Liquid Emulsion Polymers Useful as pH Responsive Thickeners for Aqueous Systems", of *Sonnabend*;
13. United States Patent No. 4,769,167, issued September 6, 1988, entitled "Aqueous Functional Fluids Based on Polymers", of *Haas et al.*;
14. United States Patent No. 4,801,671, issued January 31, 1989, entitled "Production of Alkali Soluble, Carboxyl-Functional Aqueous Emulsion Thickeners", of *Shay et al.*;
15. United States Patent No. 5,073,591, issued December 17, 1991, entitled "Polymeric Thickeners and Methods of Producing the Same", of *Tsaur*;
16. United States Patent No. 5,082,896, issued January 21, 1992, entitled "Polymeric Materials Useful for Sizing Synthetic Yarns to be Used in Water Jet Weaving", of *Chan*;
17. United States Patent No. 5,252,332, issued October 12, 1993, entitled "Pre-Moistened Flushable Towlette Impregnated with Polyvinyl Alcohol Containing Binders", of *Goldstein*;
18. United States Patent No. 5,317,063, issued May 31, 1994, entitled "Water-Soluble Polymer Sensitive to Salt", of *Komatsu et al.*;
19. United States Patent No. 5,332,854, issued July 26, 1994, entitled "Surfactant", of *Yokota et al.*;
20. United States Patent No. 5,384,189, issued January 24, 1995, entitled "Water-Decomposable Non-Woven Fabric", of *Kuroda et al.*;
21. United States Patent No. 5,500,281, issued March 19, 1996, entitled "Absorbent, Flushable, Bio-Degradable, Medically-Safe Nonwoven Fabric with PVA Binding Fibers, and Process for Making the Same", of *Srinivasan et al.*;

22. United States Patent No. 5,631,317, issued May 20, 1997, entitled "Process for Producing Self-Dispersing and Salt-Sensitive Polymer", of *Komatsu et al.*;
23. United States Patent No. 5,656,746, issued August 12, 1997, entitled "Temporary Wet Strength Polymers from Oxidized Reaction Product of Polyhydroxy Polymer and 1,2-Disubstituted Carboxylic Alkene", of *Smith et al.*;
24. United States Patent No. 5,986,004, issued November 16, 1999, entitled "Ion Sensitive Polymeric Materials", of *Pomplun et al.*;
25. United States Patent No. 6,063,857, issued May 16, 2000, entitled "Solubilized Hydrophobically-Modified Alkali-Soluble Emulsion Polymers", of *Greenblatt et al.*;
26. United States Patent No. 6,291,372, issued September 18, 2001, entitled "Ion Sensitive Binder for Fibrous Materials", of *Mumick et al.*;
27. United States Patent No. 6,423,804, issued July 23, 2002, entitled "Ion-Sensitive Hard Water Dispersible Polymers and Applications Therefor", of *Chang et al.*;
28. United States Patent No. 6,429,261, issued August 6, 2002, entitled "Ion-Sensitive, Water-Dispersible Polymers, A Method of Making Same and Items Using Same", of *Lang et al.*;
29. United States Patent No. 6,433,245, issued August 13, 2002, entitled "Flushable Fibrous Structures", of *Bjorkquist et al.*;
30. United States Patent No. 6,537,663, issued March 25, 2003, entitled "Ion-Sensitive Hard Water Dispersible Polymers and Applications Therefor", of *Chang et al.*;
31. United States Patent No. 6,548,592, issued April 15, 2003, entitled "Ion-Sensitive, Water-Dispersible Polymers, A Method of Making Same and Items Using Same", of *Lang et al.*; and
32. United States Patent No. 6,579,570, issued June 17, 2003, entitled "Ion-Sensitive, Water-Dispersible Polymers, A Method of Making Same and Items Using Same", of *Lang et al.*

U.S. Publications

1. United States Patent Application No. 09/564,531, filed May 4, 2000, entitled "Ion-Sensitive, Water-Dispersible Polymers, A Method of Making Same and Items Using Same", of *Lang et al.*
2. United States Patent Application Publication No. US 2002/0155281 A1, published October 24, 2002, entitled "Pre-Moistened Wipe Product", of *Lang et al.*;

3. United States Patent Application Publication No. US 2003/0008591 A1, published January 9, 2003, entitled "Water Dispserible, Salt Sensitive Nonwoven Materials", of *Parsons et al.*;
4. United States Patent Application Publication No. US 2003/0032352 A1, published February 13, 2003, entitled "Water-Dispersible, Cationic Polymers, A Method of Making Same and Items Using Same", of *Chang et al.*; and
5. United States Patent Application Publication No. US 2003/0096910 A1, published May 22, 2003, entitled "Ion-Sensitive, Water-Dispersible Polymers, A Method of Making Same and Items Using Same", of *Soerens et al.*

Foreign Publications

1. British Publication No. GB 1 451 619, published October 6, 1976, entitled "Enzymatically Dispersible Non-Woven Webs and Pads", of *Crawford et al.*;
2. European Publication No. 0 582 123 A1, published February 9, 1994, entitled "Pre-Moistened Flushable Towelette Impregnated with Polyvinyl Alcohol Containing Binders", of *Goldstein*;
3. European Publication No. 0 608 460 A1, published August 3, 1994, entitled "Water-Decomposable Non-Woven Fabric", of *Kuroda et al.*;
4. European Publication No. 1 034 331 B1, published September 13, 2000, entitled "Flushable Fibrous Structures", of *Bjorkquist et al.*;
5. European Publication No. 1 093 478 B1, published April 25, 2001, entitled "Alkali Soluble Latex Thickeners", of *Bassett et al.*;
6. WIPO Publication No. WO 99/27186 A1, published June 3, 1999, entitled "Flushable Fibrous Structures", of *Bjorkquist et al.*;
7. WIPO Publication No. WO 99/65958 A1, published December 23, 1999, entitled "Alkali Soluble Latex Thickeners", of *Bassett et al.*;
8. WIPO Publication No. WO 00/38750 A1, published July 6, 2000, entitled "Ion-Trigger Polymer Coatings on Water-Sensitive Polymer Films", of *Pomplun et al.*;
9. WIPO Publication No. WO 00/39378 A2, published July 6, 2000, entitled "Water-Dispersible Nonwoven Fabrics Containing Temperature-Sensitive or Ion-Sensitive Polymeric Binder Materials and Process for Making Such Fabrics", of *Pomplun et al.*;

10. WIPO Publication No. WO 01/83666 A2, published November 8, 2001, entitled "Ion-Sensitive, Water-Dispersible Polymers, A Method of Making Same and Items Using Same", of *Chang et al.*;
11. WIPO Publication No. WO 02/077048 A2, published October 3, 2002, entitled "Water-Dispersible, Cationic Polymers, a Method of Making Same and Items Using Same", of *Branham et al.*;
12. WIPO Publication No. WO 03/005874, published January 23, 2003, entitled "Pre-Moistened Wipe Product", of *Lang et al.*; and
13. WIPO Publication No. WO 03/022318 A1, published March 20, 2003, entitled "Ion-Sensitive, Water-Dispersible Fabrics, A Method and the Use Thereof", of *Jackson et al.*

Please charge the fee of \$180.00, the payment of the fee set forth in §1.17(p) and required by 37 C.F.R. 1.97(c), to Deposit Account No. 50-0935. If any additional fees are required, please charge these fees to Deposit Account No. 50-0935.

Respectfully submitted,



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Reg. No. 31,158

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May 5, 2006

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

Applicant(s): John C. Parsons et al.

Docket No.

1931.VIN (EM-05-2)

Application No.

09/883,520

Filing Date

June 18, 2006

Examiner

Arden B. Sperty

Customer No.

40256

Group Art Unit

1771

Invention: WATER DISPERSIBLE, SALT SENSITIVE NON-WOVEN MATERIALS

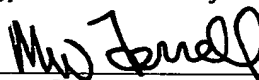
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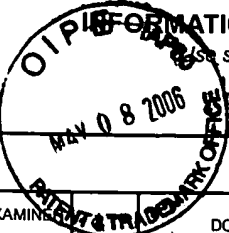
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				ATTY DOCKET NO.		APPLICATION NO.		
				1931.VIN (EM-05-2)		09/883,520		
				APPLICANT(S)				
				J.C. Parsons et al.				
FILING DATE				GROUP ART UNIT				
June 18, 2001				1771				
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		U.S. Patent 2,726,230	12/6/65	Carlson	260	86.1		
		U.S. Patent 3,035,004	5/15/62	Glavis	260	29.7		
		U.S. Patent 3,248,356	4/26/66	Snyder	260	29.6		
		U.S. Patent 3,649,581	3/14/72	Mast et al.	260	29.6		
		U.S. Patent 3,677,991	7/18/72	More	260	29.6		
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		U.S. Pub. US2002/0155281 A1	10/24/02	Lang et al.	428	337		
		U.S. Pub. US2003/0008591 A1	1/9/03	Parsons et al.	442	414		
		U.S. Pub. US2003/0032352 A1	2/13/03	Chang et al.	442	102		
		U.S. Pub. US2003/0096910 A1	5/22/03	Soerens et al.	525	191		
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		British Pub. 1 451 619	10/6/76	Great Britain	D04H	1/64	✓	
		EPO Pub. 0 582 123 A1	2/9/94	EPO	D04H	1/4	✓	
		EPO Pub. 0 608 460 A1	8/3/94	EPO	D04H	1/64	✓	
		EPO Pub. 1 034 331 B1	9/13/00	EPO	D21H	27/00	✓	
		EPO Pub. 1 093 478 B1	4/25/01	EPO	C08F	220/04	✓	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
		Related Cases: U.S. Patent Appln. Serial No. 11/339,216, filed Janaury 25, 2006; U.S. Patent Appln. Serial No. 11/120,372, filed May 3, 2005; U.S. Patent Appln. Serial No. 11/120,381, filed May 3, 2005; U.S. Patent Appln. Serial No. 10/761,682, filed January 21, 2004						
EXAMINER					DATE CONSIDERED			
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INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.
1931.VIN (EM-05-2)

APPLICATION NO.
09/883,520

J.C. Parsons et al.

FILING

June 18, 2001

GROUP ART

1771

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	U.S. Patent 3,939,836	2/24/76	Tunc	128	284	
	U.S. Patent 4,005,251	1/25/77	Tunc	536	59	
	U.S. Patent 4,110,291	8/29/78	Barabas et al.	260	29.6	
	U.S. Patent 4,151,143	4/24/79	Blank et al.	260	29.6	
	U.S. Patent 4,242,408	12/30/80	Evani et al.	428	290	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	U.S. Patent Appln. 09/564,531	Filed 5/4/00	Lang et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WIPO Pub. WO 99/27186 A1	6/3/99	PCT	D21H	27/00	✓	
	WIPO Pub. WO 99/65958 A1	12/23/99	PCT	C08F	220/04	✓	
	WIPO Pub. WO 00/38750 A1	7/6/00	PCT	A61L	15/62	✓	
	WIPO Pub. WO 00/39378 A2	7/6/00	PCT	D04H	—	✓	
	WIPO Pub. WO 01/83666 A2	1/8/01	PCT	C11D	17/04	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.
1931.VIN (EM-05-2)

APPLICATION NO.
09/883,520

J.C. Parsons et al.

FILING
June 18, 2001

GROUP ART
1771

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	U.S. Patent 4,309,469	1/5/82	Varona	428	74	
	U.S. Patent 4,384,096	5/17/83	Sonnabend	526	313	
	U.S. Patent 4,769,167	9/6/88	Haas et al.	252	76	
	U.S. Patent 4,801,671	1/31/89	Shay et al.	526	214	
	U.S. Patent 5,073,591	12/17/91	Tsaur	524	460	

U.S. PATENT APPLICATION PUBLICATIONS

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WIPO Pub. WO 02/077048 A2	10/3/02	PCT	C08F	220/34	✓	
	WIPO Pub. WO 03/005874 A1	1/23/03	PCT	A47K	10/00	✓	
	WIPO Pub. WO 03/022318 A1	3/20/03	PCT	A61L	15/60	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. 1931.VIN (EM-05-2)	APPLICATION NO. 09/883,520
	J.C. Parsons et al.	
	FILING June 18, 2001	GROUP ART 1771

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	U.S. Patent 5,082,892	1/21/92	Chan	524	823	
	U.S. Patent 5,252,332	10/12/93	Goldstein	424	402	
	U.S. Patent 5,317,063	5/31/94	Komatsu et al.	525	330.2	
	U.S. Patent 5,332,854	7/26/94	Yakota et al.	558	33	
	U.S. Patent 5,384,189	1/24/95	Kuroda et al.	428	288	

U.S. PATENT APPLICATION PUBLICATIONS

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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	J.C. Parsons et al.	
	FILING June 18, 2001	GROUP ART 1771

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		U.S. Patent 5,500,281	3/19/96	Srinivasan et al.	428	288	
		U.S. Patent 5,631,317	5/20/97	Komatsu et al.	524	561	
		U.S. Patent 5,656,746	8/12/97	Smith et al.	536	63	
		U.S. Patent 5,986,004	11/16/99	Pomplun et al.	525	176	
		U.S. Patent 6,063,857	5/16/00	Greenblatt et al.	524	561	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. 1931.VIN (EM-05-2)	APPLICATION NO. 09/883,520
	APPLICANT(S) J.C. Parsons et al.	
	FILING DATE June 18, 2001	GROUP ART UNIT 1771

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	U.S. Patent 6,291,372	9/18/01	Mumick et al.	442	102	
	U.S. Patent 6,423,804	7/23/02	Chang et al.	526	319	
	U.S. Patent 6,429,261	8/6/02	Lang et al.	525	191	
	U.S. Patent 6,433,245	8/13/02	Bjorkquist et al.	604	364	
	U.S. Patent 6,537,663	3/25/03	Chang et al.	428	394	

U.S. PATENT APPLICATION PUBLICATIONS

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INFORMATION DISCLOSURE CITATION*(Use several sheets if necessary)*ATTY DOCKET NO.
1931.VIN (EM-05-2)APPLICATION NO.
09/883,520

J.C. Parsons et al.

FILING
June 18, 2001GROUP ART
1771**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	U.S. Patent 6,548,592	4/15/03	Lang et al.	524	401	
	U.S. Patent 6,579,570	6/17/03	Lang et al.	427	421	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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